

## LITERATURE CITED

- ANDERSON, E. 1948. Hybridization of the Habitat. *Evolution* 2: 1-9.  
 CAIN, S. A. 1944. *Foundations of Plant Geography*. Harper, N. Y.  
 556 p.

WOLFFIA IN NEW HAMPSHIRE. Two small additions to the flora of New Hampshire were discovered on 8 October 1967 when I stopped to investigate an unusual greenish coloration in the shallow water of a small roadside pond. I had visited this pond about a year previously but found no noteworthy plants there at that time. To my surprise I now discovered, growing in great profusion, two of our most diminutive flowering plants:

- WOLFFIA COLUMBIANA Karsten. Profusely abundant. Forming, with *Wolffia punctata* Griseb. and *Lemna minor* L., a dense floating layer about the margins of a small pond near Cohas Brook; on the east side of Interstate Highway 93 approximately 2 miles north of the Manchester City Boundary. Manchester, Hillsborough County, New Hampshire. 8 October 1967, *Countryman* 1718.  
 WOLFFIA PUNCTATA Grisebach. Data as above except less abundant. *Countryman* 1719.

The pond was revisited on 4 November 1967 in company with Albion R. Hodgdon. The *Wolffia* was still plentiful at that date. We were able to collect nearly pure samples of both species of *Wolffia* by pouring a pail of the pond water through two graduated sieves (kitchen tea strainers). The coarser sieve held back *Lemna minor* and miscellaneous debris while the finer sieve was of such a size as to contain the *Wolffia*. In the samples so collected about 95% of the material was *W. columbiana*, the balance *W. punctata*.

Specimens of both species have been preserved in FAA in sealed glass ampoules (see Dore, W. G., *Canadian Field Naturalist* 1957, 71: 10-16) and deposited in the herbaria of the New England Botanical Club and the University of New Hampshire.

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